

Big Idea 9: Changes in Matter (Same Lessons as 8 Different Questions)

States of Matter (AR)

Description

3D lesson on various states of matter

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Slide Titles

1-Solid Matter

2-Liquid Matter

3-Gaseous Matter

4-Plasma

5-Bose-Einstein Condensate

6-Changing States of Matter

9-Sublimation

10-Vaporization

11- Condensation

Google Questions

No questions available

Standards Based Questions:

- What are ways we can change matter?
- How does water change state?
- How do the molecules act in each state of matter?

Books on Big Universe:

Primary:

- Matter
- Changing Matter
- Is It hard or soft?
- Does it sink or float?

Intermediate:

- Matter
- States of Matter
- Nature of Matter
- What's the Matter?
- How do we measure matter?
- States of Matter
- Properties of Matter

Science is Everywhere: Matter and Changes

Description

The lesson covers how fireworks, steel, and caves in relation to matter and changes.

Slide Titles

- 1-Fireworks: The Rocket's Red and Orange Glare
- 2-Anhumas Abyss: A Wonder Underneath You
- 3-Tiger and Turtle: A Twisted tale
- 4-Mount Yasur: Another Day, Another Eruption

Google Questions

Questions cover a wide variety from describing matter, chemical changes and physical changes, to solutions and mixtures.

Standards Based Questions:

- What is a chemical change?
- How are chemical and physical changes different?
- What is the difference between mixtures and solutions?
- Does heat affect the rate of change?
- What are ways that matter can be measured?
- What causes rust?
- Can a chemical change be reversed?
- How does temperature change matter?

Books on Big Universe:

Primary:

- Matter
- Changing Matter
- Is It hard or soft?
- Does it sink or float?

Intermediate:

- Matter
- States of Matter
- Nature of Matter
- What's the Matter?
- How do we measure matter?
- States of Matter
- Properties of Matter
- Chemical Changes
- Physical and chemical properties and changes

Other Lesson that could be used: